

**LISTING OF CLAIMS:**

1. to 61. (Canceled)

62. (New) A use of recycled calcium carbonate in the treatment of a paper, board or nonwoven product, comprising:

calcining into lime precipitated calcium carbonate residue of a deinking process of recycled fiber of a paper, board or non-woven product;

reacting the lime with water to form calcium hydroxide;

reacting the calcium hydroxide with carbon dioxide to form calcium carbonate; and treating a paper, board or nonwoven product with the formed calcium carbonate.

63. (New) A method of treating a paper, board or non-woven product using recycled calcium carbonate, comprising:

calcining into lime precipitated calcium carbonate residue of a deinking process of recycled fiber of a paper, board or non-woven product;

reacting the lime with water to form calcium hydroxide;

reacting the calcium hydroxide with carbon dioxide to form calcium carbonate; and applying the formed calcium carbonate to a paper, board or non-woven product.

64. (New) A method of making recycled calcium carbonate, comprising:

calcining into lime precipitated calcium carbonate residue of a deinking process of recycled fiber of a paper, board or non-woven product;

reacting the lime with water to form calcium hydroxide; and

reacting the calcium hydroxide with carbon dioxide to form calcium carbonate.